

Dong Ju Moon

List of Publications by Year in descending order

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87
papers

2,124
citations

218381

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264894

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docs citations

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times ranked

2446
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of fixed bed reactor for applications in GTL-FPSO: The effect of dilution material for control of reaction heat. <i>Catalysis Today</i> , 2023, 423, 112715.	2.2	2
2	CO/CO ₂ hydrogenation for the production of lighter hydrocarbons over SAPO-34 modified hybrid FTS catalysts. <i>Catalysis Today</i> , 2022, 388-389, 410-416.	2.2	12
3	Hydrogenation of dibenzyltoluene and the catalytic performance of Pt/Al ₂ O ₃ with various Pt loadings for hydrogen production from perhydrodibenzyltoluene. <i>International Journal of Energy Research</i> , 2022, 46, 6672-6688.	2.2	14
4	Effect of lanthanum group promoters on Cu/(mixture of ZnO and Zn-Al-spinel-oxides) catalyst for methanol synthesis by hydrogenation of CO and CO ₂ mixtures. <i>Fuel</i> , 2021, 283, 118987.	3.4	18
5	Development of fixed bed reactor for application in GTL-FPSO: The effect of nitrogen and carbon dioxide contents in feed gas on Fischer-Tropsch synthesis reaction over Ru/Co/Al ₂ O ₃ catalyst. <i>Catalysis Today</i> , 2020, 353, 73-81.	2.2	3
6	Studies on the Fischer-Tropsch synthesis over RuCo/SiC-Al ₂ O ₃ structured catalyst. <i>Catalysis Today</i> , 2020, 348, 157-165.	2.2	4
7	Preparation and Characterization of Ni/ZrTiAlO _x Catalyst via Sol-Gel and Impregnation Methods for Low Temperature Dry Reforming of Methane. <i>Catalysts</i> , 2020, 10, 1335.	1.6	4
8	A Review on Catalysts Development for Steam Reforming of Biodiesel Derived Glycerol; Promoters and Supports. <i>Catalysts</i> , 2020, 10, 910.	1.6	23
9	Sustainable Process for the Synthesis of Value-Added Products Using Glycerol as a Useful Raw Material. <i>Catalysis Surveys From Asia</i> , 2019, 23, 10-22.	1.0	19
10	Hydrogen production by steam reforming of methane over nickel based structured catalysts supported on calcium aluminate modified SiC. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21010-21019.	3.8	43
11	Reinterpretation of Single-Wall Carbon Nanotubes by Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14003-14009.	1.5	25
12	Studies on the synthesis of higher alcohol over modified Cu/ZnO/Al ₂ O ₃ catalyst. <i>Research on Chemical Intermediates</i> , 2018, 44, 3813-3822.	1.3	3
13	Kinetic models of Fischer-Tropsch synthesis reaction over granule-type Pt-promoted Co/Al ₂ O ₃ catalyst. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1263-1273.	1.2	12
14	Combined steam and CO ₂ reforming of methane over La _{1-x} Sr _x NiO ₃ perovskite oxides. <i>Catalysis Today</i> , 2018, 299, 242-250.	2.2	77
15	Dry reforming of methane over Ni/ZrO ₂ -Al ₂ O ₃ catalysts: Effect of preparation methods. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 90, 25-32.	2.7	40
16	Studies on the steam CO ₂ reforming of methane over ordered mesoporous nickel-magnesium-alumina catalysts. <i>Research on Chemical Intermediates</i> , 2018, 44, 1131-1148.	1.3	11
17	Effect of catalytic reactor bed dilution on product distribution for Fischer-Tropsch synthesis over Ru/Co/Al ₂ O ₃ catalyst. <i>Catalysis Today</i> , 2018, 303, 136-142.	2.2	14
18	CO ₂ Reforming of Methane over NiO/La ₂ O ₃ Catalyst Without Reduction Step: Effect of Calcination Atmosphere. <i>Topics in Catalysis</i> , 2017, 60, 697-705.	1.3	19

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19	Raman Radial Mode Revealed from Curved Graphene. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2597-2601.	2.1	8
20	Hydrogenation of CO ₂ to synthetic natural gas over supported nickel catalyst: effect of support on methane selectivity. <i>Research on Chemical Intermediates</i> , 2017, 43, 2931-2943.	1.3	8
21	Dispersion of Cobalt Nanoparticles on Nanowires Grown on Silicon Carbide-Alumina Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 9360-9360.	0.9	0
22	Aqueous phase reforming and hydrodeoxygenation of ethylene glycol on Pt/SiO ₂ -Al ₂ O ₃ : effects of surface acidity on product distribution. <i>RSC Advances</i> , 2016, 6, 68433-68444.	1.7	15
23	The Nature of Metastable AA™ Graphite: Low Dimensional Nano- and Single-Crystalline Forms. <i>Scientific Reports</i> , 2016, 6, 39624.	1.6	34
24	Synthesis and characterization of Al-modified SBA-15 for Fischer-Tropsch synthesis (FTS) reaction. <i>Research on Chemical Intermediates</i> , 2016, 42, 319-334.	1.3	12
25	Hydrocracking of FT-wax to fuels over non-noble metal catalysts. <i>Fuel</i> , 2016, 185, 339-347.	3.4	18
26	Synthesis of LaNiO ₃ perovskite using an EDTA-cellulose method and comparison with the conventional Pechini method: application to steam CO ₂ reforming of methane. <i>RSC Advances</i> , 2016, 6, 112885-112898.	1.7	21
27	Effect of cobalt supported on meso-macro porous hydrotalcite in Fischer-Tropsch synthesis. <i>RSC Advances</i> , 2016, 6, 104280-104293.	1.7	8
28	Effect of Mn promoter on Rh/tungsten carbide on product distributions of alcohols and hydrocarbons by CO hydrogenation. <i>RSC Advances</i> , 2016, 6, 101535-101543.	1.7	8
29	Studies on the Role of Nitrogen in the Feed for Fischer-Tropsch Synthesis Under Fixed-Bed Reactor System. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1894-1897.	0.9	6
30	The Effect of Fe in Perovskite Catalysts for Steam CO ₂ Reforming of Methane. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1938-1941.	0.9	5
31	Glycerol steam reforming over Ni-Fe/Ce/Al ₂ O ₃ catalyst for hydrogen production. <i>Research on Chemical Intermediates</i> , 2016, 42, 289-304.	1.3	10
32	Design, analysis, and performance evaluation of steam-CO ₂ reforming reactor for syngas production in GTL process. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11785-11790.	3.8	6
33	Hydrogenolysis of Glycerol to 1,2-Propanediol Over Clay Based Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 8783-8789.	0.9	2
34	The Effect of Cobalt Loading on Fischer Tropsch Synthesis Over Silicon Carbide Supported Catalyst. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 396-399.	0.9	10
35	Effects of polyvinyl-pyrrolidone in a polyol method on preparation of a perovskite-type catalyst for steam-CO ₂ reforming of methane. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 1481-1489.	3.8	6
36	Hydrogen production by steam reforming of methane over mixed Ni/MgAl ₂ O ₄ +CrFe ₃ O ₄ catalysts. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11848-11854.	3.8	18

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37	Steam CO ₂ reforming of methane over La _{1-x} Ce _x NiO ₃ perovskite catalysts. International Journal of Hydrogen Energy, 2015, 40, 11831-11839.	3.8	70
38	The effect of promoters in La _{0.9} M _{0.1} Ni _{0.5} Fe _{0.5} O ₃ (M = Sr, Ca) perovskite catalysts on dry reforming of methane. Fuel Processing Technology, 2015, 134, 404-413.	3.7	77
39	Effect of LaAlO ₃ -supported modified Ni-based catalysts on aqueous phase reforming of glycerol. Research on Chemical Intermediates, 2015, 41, 9603-9614.	1.3	16
40	Copper decorated perovskite an efficient catalyst for low temperature hydrogen production by steam reforming of glycerol. International Journal of Hydrogen Energy, 2015, 40, 11428-11435.	3.8	47
41	Effect of Bimetallic Ni-Cr Catalysts for Steam-CO ₂ Reforming of Methane at High Pressure. Journal of Nanoscience and Nanotechnology, 2015, 15, 5259-5263.	0.9	12
42	Carbon Deposition from the CO ₂ -Steam Reforming of Methane Over Modified Ni _{1-x} Al _{2-x} O ₃ Catalysts. Journal of Nanoscience and Nanotechnology, 2015, 15, 391-395.	0.9	4
43	The characterization of micro-structure of cobalt on γ -Al ₂ O ₃ for FTS: Effects of pretreatment on Ru-Co/ γ -Al ₂ O ₃ . Fuel, 2015, 149, 118-129.	3.4	37
44	Microstructure of FTS studies over spherical Co/ γ -Al ₂ O ₃ . Catalysis Today, 2015, 250, 102-114.	2.2	14
45	The process design and simulation for the methanol production on the FPSO (floating production,) Tj ETQq1 1 0.784314 rgBT /Overlo 2.7 26	2.7	26
46	Fischer-Tropsch synthesis on cobalt/Al ₂ O ₃ -modified SiC catalysts: effect of cobalt-alumina interactions. Catalysis Science and Technology, 2014, 4, 343-351.	2.1	32
47	Preparation and evaluation of a metallic foam catalyst for steam-CO ₂ reforming of methane in GTL-FPSO process. Fuel Processing Technology, 2014, 124, 97-103.	3.7	24
48	Role of support on higher alcohol synthesis from syngas. Applied Catalysis A: General, 2014, 480, 128-133.	2.2	31
49	Deactivation Behavior of Co/SiC Fischer-Tropsch Catalysts by Formation of Filamentous Carbon. Catalysis Letters, 2013, 143, 18-22.	1.4	25
50	The synthesis of methanol from CO/CO ₂ /H ₂ gas over Cu/Ce _{1-x} Zr _x O ₂ catalysts. Journal of Molecular Catalysis A, 2013, 378, 255-262.	4.8	39
51	Steam-CO ₂ reforming of methane on Ni/ γ -Al ₂ O ₃ -deposited metallic foam catalyst for GTL-FPSO process. Fuel Processing Technology, 2013, 112, 28-34.	3.7	28
52	Shape controlled synthesis of nanostructured magnesium oxide particles in supercritical carbon dioxide with ethanol cosolvent. Materials Research Bulletin, 2013, 48, 2817-2823.	2.7	9
53	Dehydration of Glycerol Over Niobia-Supported Silicotungstic Acid Catalysts. Journal of Nanoscience and Nanotechnology, 2013, 13, 339-343.	0.9	2
54	Preparation and Characterization of Ni-Based Perovskite Catalyst for Steam CO ₂ Reforming of Methane. Journal of Nanoscience and Nanotechnology, 2013, 13, 4334-4337.	0.9	7

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55	Steam Reforming of Glycerol for Hydrogen Production Over Supported Nickel Catalysts on Alumina. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 653-656.	0.9	3
56	The effect of Zn addition into NiFe ₂ O ₄ catalyst for high-temperature shift reaction of natural gas reformate assuming no external steam addition. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11218-11226.	3.8	48
57	Fischer-Tropsch Synthesis over cobalt based catalyst supported on different mesoporous silica. <i>Catalysis Today</i> , 2012, 185, 168-174.	2.2	48
58	Studies on Nanosized Iron Based Modified Catalyst for Fischer-Tropsch Synthesis Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1447-1450.	0.9	2
59	Studies on the conversion of glycerol to 1,2-propanediol over Ru-based catalyst under mild conditions. <i>Catalysis Today</i> , 2011, 174, 10-16.	2.2	43
60	Studies on the steam and CO ₂ reforming of methane for GTL-FPSO applications. <i>Catalysis Today</i> , 2011, 174, 31-36.	2.2	33
61	Hydrogen Production by Catalytic Reforming of Liquid Hydrocarbons. <i>Catalysis Surveys From Asia</i> , 2011, 15, 25-36.	1.0	20
62	Steam Reforming of Glycerol into Hydrogen Over Nano-Size Ni-Based Hydrotalcite-Like Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7394-7398.	0.9	7
63	Aqueous Phase Reforming of Glycerol Over Ni-Based Catalysts for Hydrogen Production. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7311-7314.	0.9	15
64	Aqueous Phase Reforming of Glycerol Over the Pd Loaded Ni/Al ₂ O ₃ Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1443-1446.	0.9	8
65	Nano-Sized Cobalt Based Fischer-Tropsch Catalysts for Gas-to-Liquid Process Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3700-3704.	0.9	8
66	Low Temperature WGS Catalysts for Hydrogen Station and Fuel Processor Applications. <i>Catalysis Surveys From Asia</i> , 2009, 13, 191-204.	1.0	10
67	Preparation of Thermally Stable Mesostructured Nano-sized TiO ₂ Particles by Modified Sol-Gel Method Using Ionic Liquid. <i>Catalysis Letters</i> , 2008, 123, 84-89.	1.4	27
68	Hydrogen Production by Catalytic Reforming of Gaseous Hydrocarbons (Methane & LPG). <i>Catalysis Surveys From Asia</i> , 2008, 12, 188-202.	1.0	54
69	Production of synthesis gas by autothermal reforming of iso-octane and toluene over metal modified Ni-based catalyst. <i>Catalysis Today</i> , 2008, 136, 266-272.	2.2	16
70	Nickel-based tri-reforming catalyst for the production of synthesis gas. <i>Applied Catalysis A: General</i> , 2007, 332, 153-158.	2.2	79
71	Development of Anode Catalyst for Internal Reforming of CH ₄ by CO ₂ in SOFC System. <i>Studies in Surface Science and Catalysis</i> , 2006, , 613-616.	1.5	2
72	Studies on the Internal Reforming of CH ₄ by CO ₂ in SOFC System. <i>Studies in Surface Science and Catalysis</i> , 2006, , 617-620.	1.5	1

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73	Production of TFE by Catalytic Pyrolysis of Chlorodifluoromethane (CHClF ₂). Studies in Surface Science and Catalysis, 2006, , 233-236.	1.5	4
74	Production of Hydrogen by Autothermal Reforming of Propane over Ni/Al ₂ O ₃ . Journal of Nanoscience and Nanotechnology, 2006, 6, 3396-3398.	0.9	6
75	Catalytic pyrolysis of chlorodifluoromethane over metal fluoride catalysts to produce tetrafluoroethylene. Applied Catalysis A: General, 2005, 292, 130-137.	2.2	23
76	CO ₂ Reforming by CH ₄ over Ni-YSZ Modified Catalysts. Studies in Surface Science and Catalysis, 2004, 153, 149-152.	1.5	2
77	Molybdenum Carbide Water-Gas Shift Catalyst for Fuel Cell-Powered Vehicles Applications. Catalysis Letters, 2004, 92, 17-24.	1.4	81
78	Ni-based catalyst for partial oxidation reforming of iso-octane. Applied Catalysis A: General, 2004, 272, 53-60.	2.2	44
79	Carbon Dioxide Reduction Technology with SOFC System. Studies in Surface Science and Catalysis, 2004, , 193-196.	1.5	2
80	Pyrolysis of a Mixture of Trifluoromethane and Tetrafluoroethylene to Produce Hexafluoropropylene. Journal of Chemical Engineering of Japan, 2004, 37, 318-325.	0.3	7
81	Partial Oxidation Reforming Catalyst for Fuel Cell-Powered Vehicles Applications. Catalysis Letters, 2003, 89, 207-212.	1.4	20
82	Partial oxidation of ethylene to ethylene oxide over nanosized Ag/Al ₂ O ₃ catalysts. Catalysis Today, 2003, 87, 153-162.	2.2	72
83	Electrocatalytic reforming of carbon dioxide by methane in SOFC system. Catalysis Today, 2003, 87, 255-264.	2.2	57
84	Pyrolysis of Trifluoromethane to Produce Hexafluoropropylene. Industrial & Engineering Chemistry Research, 2002, 41, 2895-2902.	1.8	31
85	Partial oxidation (POX) reforming of gasoline for fuel-cell powered vehicles applications. Korean Journal of Chemical Engineering, 2002, 19, 921-927.	1.2	19
86	Studies on gasoline fuel processor system for fuel-cell powered vehicles application. Applied Catalysis A: General, 2001, 215, 1-9.	2.2	76
87	Molybdenum carbide catalysts for water-gas shift. Catalysis Letters, 2000, 65, 193-195.	1.4	218